

**VB/I-70 Community Health Program
Biomonitoring Clinic Measures
11/2004 through 06/2005**

DRAFT

	Curtis Park	Elyria-Swansea	SW Globeville	Clayton	Cole	Outside	Total VB/I-70	Overall Total
Clinics	1	3	0	2	2	0	8	8
Families Attending	4	33	0	12	20	20	69	89
Child lead (<18 yrs)	10	56	0	23	30	31	119	150
Other adult lead (18 yrs+)	0	0	0	0	0	1	0	1
Pregnant ♀ lead	0	1	0	1	0	2	2	4
All lead tests	10	57	0	24	30	34	121	155
Child arsenic (<18 yrs) – urine	0	6	0	4	8	1	18	19
Child arsenic (<18 yrs) – hair	1	1	0	0	0	0	2	2
All arsenic tests (<18 yrs)	1	7	0	4	8	1	20	21

Measure Definitions

Families Attending: number of families attending biomonitoring clinic

Child lead (<18 yrs) lead: number of lead tests – children under 18 years of age

Pregnant ♀ lead: number of lead tests: pregnant women

Other adult lead (18 yrs+): number of lead tests – non-pregnant adults

All lead tests: number of all lead tests (children <18 yrs, pregnant women, non-pregnant adults)

Child (<18 yrs) arsenic – urine: number of urine arsenic tests – children under the age of 18

Child (<18 yrs) arsenic – hair: number of hair arsenic tests – children under the age of 18

All arsenic tests (<18 yrs): number of all arsenic tests (urine and hair) – children under the age of 18

Outside: number of families living outside of VB/I-70 Superfund project boundaries

Total VB/I-70: total number of participating VB/I-70 resident families or VB/I-70 resident tests

Overall Total: number of clinics, tests, or participating families regardless of location or project residency status

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**VB/I-70 Community Health Program
Lead Biomonitoring Measures
11/2004 through 06/2005**

DRAFT

Age	Total Tests	<5µg/dL	5 to 9.9 µg/dL	10 to 19.9 µg/dL	20 to 44.9 µg/dL	>45 µg/dL	QNS
<12 months	8	8	0	0	0	0	0
12 to 23 months	12	7	3	0	0	0	2
24 to 35 months	14	10	4	0	0	0	0
36 to 71 months	54	46	7	0	0	0	1
72 months to 17 years	62	57	3	0	0	0	2
18 years plus	2	2	0	0	0	0	0
Pregnant	3	2	1	0	0	0	0
Total – All Tests	155	127	18	0	0	0	5

Measure Definitions

<12 months: lead capillary test for child under the age of 12 months

12 to 23 months: lead capillary test for child from 12 to 23 months of age

24 to 35 months: lead capillary test for child from 24 to 35 months of age

36 to 71 months: lead capillary test for child from 36 to 71 months of age

72 months to 17 years: lead capillary test for child from 72 months to 17 years of age

18 years plus: lead capillary test for adult 18 years or older (excludes pregnant tests)

Pregnant: lead capillary test for pregnant female

<5 µg/dL: lead capillary test result less than 5 micrograms lead per deciliter whole blood

5 to 9.9 µg/dL: lead capillary test result from 5 to 9.9 micrograms per deciliter of whole blood

10 to 19.9 µg/dL: lead capillary test result from 10 to 19.9 micrograms lead per deciliter of whole blood

20 to 44.9 µg/dL: lead capillary test result from 20 to 44.9 micrograms lead per deciliter of whole blood

>45 µg/dL: lead capillary test result greater than 45 micrograms lead per deciliter of whole blood

QNS: Quantity Not Sufficient – not enough sample for complete analysis; retest recommended

**Community Outreach and Education
Community Health Worker (CHW) Canvassing Measures
02/21/2005* Through 6/30/2005**

DRAFT

	Curtis Park/ Five Points	Elyria-Swansea	SW Globeville	Clayton	Cole	Total
Home visits	27	116	2	230	435	810
partial visits	0	6	0	183	10	199
not home	11	88	4	794	478	1375
total contacts	38	210	6	1207	923	2384
access agreements	2	5	0	28	20	44

Measure Definitions

Home visit – Total completed home visits: A completed home visits includes a 30 to 45 minute one-to-one educational conversation with the residents of the home. A home visit is not considered complete until all follow-up activity has been completed, including second visits or referrals.

Partial Visit – Total partial visits: A partial visit includes all contacts with residents (e.g. phone calls, follow-up visits, return visits to pick up access agreements) other than a home visit or not-home contacts.

Not home – Total not-at-home contacts: A not-at-home contact is a home contacted by a CHW where the resident is not home; a flyer is left that describes the Community Health Program. A contact phone number is listed on the flyer so that the resident may make an appointment for a home visits.

Total contacts – Total for all contacts (home visits, not home, and other) during a home visit.

Community event/meeting – A VB/I-70 neighborhood or organization meeting or event

*Canvassing initiated

**VB/I-70 Community Health Program
Arsenic Test Results
Through 06/30/2005**

DRAFT

Number of Arsenic Tests			Elevated Tests - Confirmed		
Arsenic – Urine	Arsenic – Hair	Total Tests	Arsenic – Urine	Arsenic – Hair	Total Tests
24	9	33	0	0	0

Measure Definitions

Arsenic – Urine: number of unspeciated arsenic in urine tests

Arsenic – Hair: number of unspeciated arsenic in hair tests

Elevated Tests - Confirmed

Arsenic – Urine: number of confirmed tests greater than 20 micrograms per liter urine (20 µg/L)

Arsenic – Hair: number of confirmed tests greater than 0.19 micrograms per gram hair (0.20 µg/g)

**VB/I-70 Community Health Program
Arsenic Case Management
Through 06/30/2005**

DRAFT

Retests		Environmental Investigations	EPA Referrals	Toxicology Referrals
Recommended	Completed			
2	0	0	0	0

Measure Definitions

Retest – Recommended: number of confirmatory retests recommended due initial test elevation

Retest – Completed: number of confirmatory retests completed

Environmental Investigation: number of environmental investigations completed for confirmed elevated tests

EPA Referral: number of referrals to EPA (source identification as soil for confirmed elevated tests)

Toxicology Referral: number of referrals to Pediatric Environmental Health Specialty Unit or similar consultant
(source identification not soil or unknown)